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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/031,056	01/15/2002	Mao Uong Neil	RCA 89577	8698

7590 05/25/2006  
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 PO Box 5312  
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EXAMINER

CHOWDHURY, SUMAIYA A

ART UNIT	PAPER NUMBER
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2623

DATE MAILED: 05/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/031,056	NEIL ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Sumaiya A. Chowdhury	2623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. ____.  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>1-15-02</u> .   | 6) <input type="checkbox"/> Other: ____.                                    |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Alexander (WO 99/04561).

As for claim 1, Alexander teaches a method of processing a program guide, comprising the steps of :

determining whether a channel grid has been highlighted (The processor determines whether the channel grid or program grid has been highlighted and displays the corresponding program in the PIP window accordingly. - p. 12, line 35 – p. 13, line 5, p. 3, lines 18-30);

determining whether a program grid has been highlighted (p. 3, lines 18-30);

displaying, in response to the previous determining steps, program content of a program currently being received by a channel indicated by the highlighted channel grid, if a channel grid has been highlighted and continuing to display same program content, in response to the previous determining steps, if a program grid has been highlighted (After the "lock" status is selected, the last channel to which the tuner was set in the PIP is continued to be displayed regardless of the functions selected by

the viewer. Otherwise, in the “unlock” status, the program highlighted by cursor 36 in grid guide 22 is displayed if the grid guide is displaying currently telecast programs and the last currently telecast channel that was highlighted is displayed if the grid guide is displaying future programs (Fig. 1). [p. 4, lines 11-21, p. 17, lines 24-26]);

As for claim 2, Alexander teaches wherein the program content is displayed in a video window (12 – Fig. 1; p. 4, line 5).

As for claims 3 and 8, Alexander teaches wherein the video window or display window (12 – Fig. 1) is shown along with the program guide (22 – Fig. 1; p. 4, lines 3-21).

As for claim 4, Alexander teaches wherein the determining steps are entered into in response to a user selecting a user selectable option (p. 4, lines 11-20).

As for claims 5 and 10, Alexander teaches wherein the channel grid comprises channel name (ABC, FOX, etc. – Fig. 1).

As for claims 6 and 11, Alexander teaches wherein the program grid comprises program title (Prime Time Live – Fig. 1).

As for claim 7, Alexander teaches an apparatus, comprising:

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a user control device (26 – Fig. 1; p. 3, line 18-19);  
a display window for displaying a video program (12 – Fig. 1; p. 4, line 5);  
a control means (processor) for displaying a program guide (22 – Fig. 1); and  
wherein the control means providing a first mode of operation in which when a channel grid is highlighted by the user control device, the display window will display program content of a program currently being received by a channel indicated by the highlighted channel grid; and a second mode of operation in which when a program grid is highlighted by the user control device, the program content of the display window does not change (After the “lock” status is selected, the last channel to which the tuner was set in the PIP is continued to be displayed despite the actions carried out by the viewer. Otherwise, in the “unlock” status, the channel highlighted by cursor 36 in grid guide 22 is displayed if the grid guide is displaying currently telecast programs and the last currently telecast channel that was highlighted is displayed if the grid guide is displaying future programs (Fig. 1). [p. 4, lines 11-21, p. 17, lines 24-26]);

As for claim 9, Alexander teaches the control means enters into the two modes of operation in response to the user control device (p. 4, lines 11-20).

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sumaiya A. Chowdhury whose telephone number is (571) 272-8567. The examiner can normally be reached on Mon-Fri, 9-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Grant can be reached on (571) 272-7292. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SAC



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